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Office Action Dated: April 1, 2009  
Response dated: June 25, 2009

PATENT  
PU030205

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Listing of and Amendments to the Claims

This listing of, and amendment to, the claims will replace all previous versions of the claims:

1. (original) A method for providing trick mode operations for sub-channels of multiplexed streams stored by a digital storage medium, comprising the steps of:  
receiving at the recording device, a trick mode command specifying a particular sub-channel of a multiplexed stream;  
identifying frame data stored by the digital storage medium corresponding to the particular sub-channel; and  
extracting, from the frame data, trick mode data for the particular sub-channel.
2. (original) The method of claim 1, wherein the frame data comprises complete Intra-coded frames (I-frames) for the particular sub-channel.
3. (original) The method of claim 1, further comprising the step of outputting the trick mode data for the particular sub-channel to a display device for display thereby.
4. (original) The method of claim 1, wherein said receiving step sending step is performed in response to a user selecting the trick mode command via a remote control device.
5. (original) The method of claim 1, wherein the digital storage medium is Institute of Electrical & Electronics Engineers 1394 (IEEE-1394) compliant.
6. (original) The method of claim 1, wherein the multiplexed stream is a Moving Picture Experts Group (MPEG) transport stream.
7. (original) The method of claim 1, wherein the particular sub-channel of the multiplexed stream is specified as an operand in the trick mode command.

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8. (original) The method of claim 7, wherein at least one of a plurality of trick mode operations to be applied to the particular sub-channel is specified as another operand in the trick mode command.

9. (original) In combination with a digital storage medium coupled to a receiver, a method for providing trick mode operations for sub-channels of multiplexed streams stored on the digital storage medium, comprising the steps of:

receiving, from the receiver, a trick mode command specifying a particular sub-channel of a multiplexed stream; and

sending, to the receiver, in response to receiving the trick mode command, frame data corresponding to the particular sub-channel stored by the digital storage medium<sup>2</sup> for extraction of trick mode data there from, the trick mode data corresponding to the particular sub-channel.

10. (original) The method of claim 9, wherein the frame data comprises complete Intra-coded frames (I-frames) for the particular sub-channel.

11. (original) The method of claim 9, wherein the digital storage medium is Institute of Electrical & Electronics Engineers 1394 (IEEE-1394) compliant.

12. (original) The method of claim 9, wherein the multiplexed stream is a Moving Picture Experts Group (MPEG) transport stream.

13. (original) The method of claim 9, wherein the particular sub-channel of the multiplexed stream is specified as an operand in the trick mode command.

14. (original) The method of claim 13, wherein at least one of a plurality of trick mode operations to be applied to the particular sub-channel is specified as another operand in the trick mode command.

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15. (new) The method of claim 1, wherein the multiplexed streams relate to at least a primary program and at least one other program different from the primary program, the primary program corresponding to a primary channel, and the at least one other program corresponding to the particular sub-channel.

16. (new) The method of claim 9, wherein the multiplexed streams relate to at least a primary program and at least one other program different from the primary program, the primary program corresponding to a primary channel, and the at least one other program corresponding to the particular sub-channel.